

LISTING OF THE CLAIMS

1. (Original) A method for treating an inflammatory skin disorder in an individual in need thereof, comprising topically applying an antisense compound 8 to 30 nucleobases in length targeted to a nucleic acid molecule encoding a human B7 protein to said individual.

2. (Original) The method of claim 1, wherein said antisense compound is an antisense oligonucleotide.

3. (Original) The method of claim 2, wherein at least one covalent linkage of said antisense compound is a modified covalent linkage.

4. (Original) The method of claim 2, wherein at least one nucleotide of said antisense compound has a modified sugar moiety.

5. (Original) The method of claim 2, wherein at least one nucleotide of said antisense compound has a modified nucleobase.

6. (Original) The method of claim 1, wherein said inflammatory skin disorder is psoriasis.

7. (Original) The method of claim 1, wherein said inflammatory skin disorder is contact dermatitis, atopic dermatitis, seborrheic dermatitis, nummular dermatitis, generalized exfoliative dermatitis or eczema.

8. (Original) The method of claim 1, wherein said human B7 protein is human B7-1 protein.

9. (Original) The method of claim 1, wherein said human B7 protein is human B7-2 protein.

10. (Original) The method of claim 1, wherein antisense compounds targeted to both human B7-1 and human B7-2 proteins are topically applied to said individual.

11. (Original) The method of claim 2, wherein said antisense compound is in a formulation selected from the group consisting of a transdermal patch, ointment, lotion, cream, gel, drop, suppository, spray, liquid and powder.

12. (Original) The method of claim 2 wherein said antisense compound comprises at least one lipophilic moiety which enhances the cellular uptake of said antisense compound.

13. (Original) A pharmaceutical composition comprising:

(a) an anti-inflammatory or immunosuppressive agent selected from the group consisting of a soluble ICAM protein, prednisone, methylprednisolone, azathioprine, cyclophosphamide, cyclosporine, an interferon, a sympathomimetic, a histamine H₁ receptor antagonist, a histamine H₂ receptor antagonist, and an oligonucleotide which modulates the expression of an ICAM protein;

(b) an antisense compound 8 to 30 nucleobases in length targeted to a nucleic acid sequence encoding a human B7-1 protein, wherein said antisense compound inhibits the expression of said human B7-1 protein;

(c) an antisense compound 8 to 30 nucleobases in length targeted to a nucleic acid molecule encoding a human B7-2 protein, wherein said antisense compound inhibits the expression of said human B7-2 protein; and

(d) a pharmaceutically acceptable carrier.

14. (Original) A method for treating an inflammatory skin disorder in an individual in need thereof, comprising topically applying the pharmaceutical composition of claim 13 to said individual.